



App. No. : 09/547,846  
Applicant : Jeremy Rosenberg  
Filed : April 12, 2000  
TC/A.U. : 3625  
Examiner : Sabrina A. Chang

Docket No. : 2917-107  
Customer No. : 06449  
Confirmation No. : 6270

*Alvin Laro*  
*#17/203*  
*Free*  
*3-3-04*

RECEIVED

FEB 10 2004

GROUP 3600

INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98,  
Applicant submits herewith information that the Office may wish  
to consider in examination of the subject application. Materials  
submitted for consideration are listed on the attached form PTO-  
1449.

Pursuant to 37 C.F.R. § 1.17(p), a check for \$180.00 is  
enclosed. The Commissioner is authorized to charge any  
additional fees or credit any overpayment to Deposit Account No.  
02-2135. An additional copy of this document is enclosed.

Respectfully submitted,

By

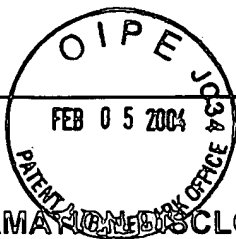
02/05/2004 KRL111 00000092 09547046

01 FC:1005

100.00 CP

*BR* *2/5/04*  
\_\_\_\_\_  
Brian S. Rosenbloom  
Attorney for Applicants  
Registration No. 41,276  
ROTHWELL, FIGG, ERNST & MANBECK, p.c.  
Suite 800, 1425 K Street, N.W.  
Washington, D.C. 20005  
Telephone: (202) 783-6040

Enclosure(s): 38 References



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*Complete if Known*

Application Number	09/547,846
Filing Date	April 12, 2000
First Named Inventor	Jeremy Rosenberg
Group Art Unit	3625
Examiner Name	Sabrina A. Chang

RECEIVED  
FEB 10 2004  
GROUP 3600

Sheet	1	of	5	Attorney Docket Number	2917-107
-------	---	----	---	------------------------	----------

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	A	5,557,541		Schulhof et al.	September 17, 1996
	B	5,616,876		Cluts	April 1, 1997
	C	5,721,815		Ottesen et al.	February 24, 1998
	D	5,726,909		Krikorian	March 10, 1998
	E	5,734,719		Tsevdos et al.	March 31, 1998
	F	5,751,282		Girard et al.	May 12, 1998
	G	5,761,607		Gudesen	June 2, 1998
	H	5,790,935		Payton	August 4, 1998
	I	5,793,980		Glaser et al.	August 11, 1998
	J	5,899,699		Kamiya	May 4, 1999

**FOREIGN PATENT DOCUMENTS**

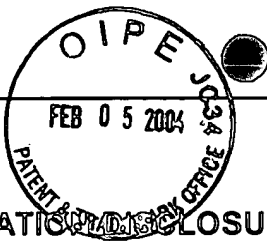
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Kind <sup>5</sup> Code	Number <sup>4</sup> (if known)				

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



RECEIVED

FEB 10 2004

GROUP 3600

INFORMATIONAL CLOSURE  
STATEMENT BY APPLICANT

Complete if Known

Application Number	09/547,846
Filing Date	April 12, 2000
First Named Inventor	Jeremy Rosenberg
Group Art Unit	3625
Examiner Name	Sabrina A. Chang
Attorney Docket Number	2917-107

Sheet

2

of

5

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	K	5,933,500		Blatter et al.	August 3, 1999
	L	5,943,422		Van Wie et al.	August 24, 1999
	M	5,973,722		Wakai et al.	October 26, 1999
	N	6,055,314		Spies et al.	April 25, 2000
	O	6,088,722		Herz et al.	July 11, 2000
	P	6,151,634		Glaser et al.	November 21, 2000
	Q	6,229,895	B1	Son et al.	May 8, 2001
	R	6,240,553	B1	Son et al.	May 29, 2001
	S	6,249,810	B1	Kiraly	June 19, 2001
	T	6,253,235	B1	Estes	June 26, 2001

## FOREIGN PATENT DOCUMENTS

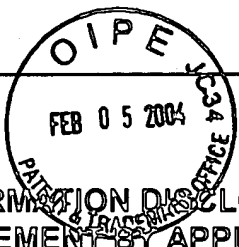
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Kind <sup>5</sup> Code	Number <sup>4</sup>	(if known)			

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Complete if Known

Application Number 09/547,846  
Filing Date April 12, 2000  
First Named Inventor Jeremy Rosenberg  
Group Art Unit 3625  
Examiner Name Sabrina A. Chang

RECEIVED

FEB 10 2004

GROUP 3600

Sheet

3

of

5

Attorney Docket Number 2917-107

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	U	6,279,040	B1	Ma et al.	August 21, 2001
	V	6,305,020	B1	Horaty et al.	October 16, 2001
	W	6,330,609	B1	Garofalakis et al.	December 11, 2001
	X	6,192,340	B1	Abecassis	February 20, 2001
	Y	5,572,442		Schulhof et al.	November 5, 1996
	Z	2002/0023164	A1	Lahr	February 21, 2002
	AA	2002/0023166	A1	Bar-Noy et al.	February 21, 2002
	AB	2002/0038359	A1	Ihara et al.	March 28, 2002
	AC	2002/0042107	A1	Palm	November 15, 2001
	AD	2002/0056117	A1	Hasegawa et al.	May 9, 2002
	AE	2002/0056118	A1	Hunter et al.	May 9, 2002
	AF	2002/0062261	A1	Mukai	May 23, 2002

FOREIGN PATENT DOCUMENTS

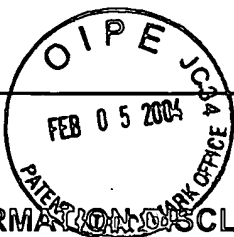
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Kind <sup>5</sup> Code <i>(if known)</i>	Number <sup>4</sup>				

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Complete if Known

Application Number 09/547,846  
Filing Date April 12, 2000  
First Named Inventor Jeremy Rosenberg  
Group Art Unit 3625  
Examiner Name Sabrina A. Chang

RECEIVED

FEB 10 2004

GROUP 3600

Sheet

4

of

5

Attorney Docket Number 2917-107

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	AG	2002/0032728	A1	Sako et al.	March 14, 2002

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Kind <sup>5</sup> Code	Number <sup>4</sup>	(if known)			
	AH		EP 1 022 900	A1	Sony Corporation	July 26, 2000	
	AI		WO 97/37492	A1	Macrovision Corporation	October 9, 1997	
	AJ		WO 99/48296	A1	Intertrust Technologies Corporation	September 23, 1999	

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



Application Number	09/547,846
Filing Date	April 12, 2000
First Named Inventor	Jeremy Rosenberg
Group Art Unit	3625
Examiner Name	Sabrina A. Chang

5

5

Attorney Docket Number | 2917-107

Examiner  
Initials\*Cite  
No.<sup>1</sup>

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

 $T^2$ 

AK

RAJAPAKSHE, H. et al., "Video On Demand," June 1995, pgs. 1-15.

AL

WELZ, G., "Integrated Streaming Technologies," October 30, 1996, pgs. 1-3.

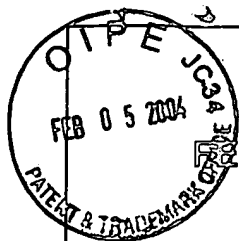
RECEIVED  
FEB 10 2004  
GROUP 3000

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



**FREE TRANSMITTAL**  
**for FY 2003**  
**(Large Entity)**

Complete if Known

Application Number	09/547,846
Filing Date	April 12, 2000
First Named Inventor	Jeremy Rosenberg
Examiner Name	Sabrina A. Chang
Group Art Unit	3625
Attorney Docket Number	2917-107

Total Amount of Payment (\$180.00)

RECEIVED

FEB 10 2004

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge additional fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck

☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status

2. ☒ Payment Enclosed

☐ Check

☐ Credit Card

**FEE CALCULATION**

**1. FILING FEE**

Fee Code	Fee \$	Fee Description	Fee Paid
1001	770	Utility filing fee	[ ]
1002	340	Design Filing Fee	[ ]
1003	530	Plant Filing Fee	[ ]
1004	770	Reissue Filing Fee	[ ]
1005	160	Provisional Filing Fee	[ ]

**SUBTOTAL \$**

**A 2. CLAIMS**

	Extra Claims	Fee	Fee
Paid			
Total Claims	[ ] - 20** = [ ] x	\$18 = [ ]	
Independent			
Claims	[ ] - 3** = [ ] x	86 = [ ]	
Multiple Dependent Claims	+	290 = [ ]	

\*\*or number previously paid, if greater;

**SUBTOTAL \$**

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

Fee Code	Fee Paid	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee or oath	[ ]
1052	50	Surcharge - late provisional filing fee or cover sheet	[ ]
1053	130	Non-English specification	[ ]
1812	2,520	For filing a request for reexamination	[ ]
1804	920	Requesting publication of SIR prior to Examiner action	[ ]
1804	1,840*	Requesting publication of SIR after Examiner action	[ ]
1251	110	Extension for reply within first month	[ ]
1252	420	Extension for reply within second month	[ ]
1253	950	Extension for reply within third month	[ ]
1254	1,480	Extension for reply within fourth month	[ ]
1255	2,010	Extension for reply within fifth month	[ ]
1401	330	Notice of Appeal	[ ]
1402	330	Filing a brief in support of an appeal	[ ]
1403	290	Request for Oral Hearing	[ ]
1451	1,510	Petition to institute a public use proceeding	[ ]
1452	110	Petition to revive -unavoidable	[ ]
1453	1,330	Petition to revive - unintentional	[ ]
1501	1,330	Utility issue fee (or reissue)	[ ]
1502	480	Design issue fee	[ ]
1503	640	Plant issue fee	[ ]
1460	130	Petitions to the Commissioner	[ ]
1807	50	Processing fee under 37 CFR 1.17(q)	[ ]
1806	180	Submission of Information Disclosure Statement	[180.00]
8021	40	Recording each patent assignment per property (times number of properties)	[ ]
1809	770	Filing a submission after final rejection (37 CFR .129(a))	[ ]
1810	770	For each additional invention to be examined (37 CFR 1.129(b))	[ ]
1801	770	Request for Continued Examination (RCE)	[ ]
1802	900	Request for expedited examination of a design application	[ ]
1504	300	Publication fee for early, voluntary, or normal publication	[ ]
1505	300	Publication fee for republication	[ ]
1455	200	Filing application for patent term adjustment	[ ]
1456	400	Request for reinstatement of term reduced	[ ]
Other fee (specify)			[ ]

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL**

**\$180.00**

GROUP 3600

SUBMITTED BY		Complete (if applicable)	
NAME AND REG. NUMBER	Brian S. Rosenbloom, Reg. No. 41,276		
SIGNATURE		DATE	2/5/04
		DEPOSIT ACCOUNT USER ID	